INCH-POUND
MIL-PRF-15160/77A
12 October 1999
SUPERSEDING
MIL-PRF-15160/77
16 November 1970

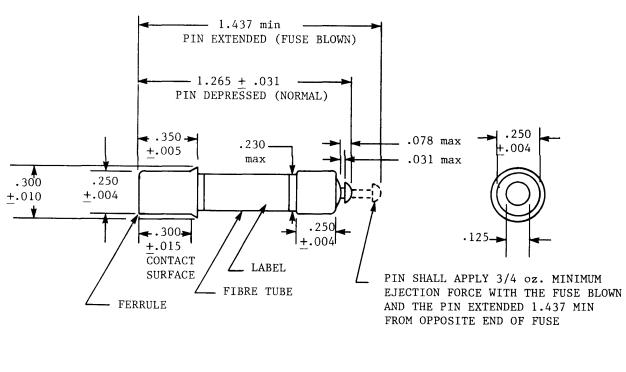
FSC 5920

PERFORMANCE SPECIFICATION SHEET

FUSES, (INDICATING), STYLE F77A

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-PRF-15160.



| Inches | mm | Inches | mm | Inches | mm | Inches | mm |
|--------|------|--------|------|--------|-------|--------|-------|
| 0.004 | 0.10 | .078 | 1.98 | .300 | 7.62 | 1.437 | 36.50 |
| .005 | 0.13 | .125 | 3.18 | .315 | 8.00 | | |
| .015 | 0.38 | .230 | 5.84 | .350 | 8.89 | | |
| .031 | 0.79 | .250 | 6.35 | 1.265 | 32.13 | | |

NOTES:

- 1. Dimensions are in inches.
- 2. Metric equivalents are given for general information only.

FIGURE 1. Style F77A fuses.

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<u>DISTRIBUTION STATEMENT A.</u> Approved for public release; distribution is unlimited.

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REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Terminal and indicating pin: Brass.

Case: Fibre tube.

Terminal: Ferrule type.

Terminal strength: 10 inch-ounce torque between ferrules and fuse body.

and fuse body.

Electrical:

Current rating: See table I.

Voltage rating: 125 volts, maximum.

Characteristic: Characteristic A.

Overload blowing time: Maximum of 1 hour at 135 percent of rated current.

Short circuit alternating current interrupt: Minimum 1000 amperes at 125 volts.

TABLE I. Type designation and electrical rating. 1/

| Style | Characteristic | Maximum Voltage | Current |
|-------|----------------|-----------------|---------|
| F77 | Α | 125V | 1A |
| F77 | Α | 125V | 2A |
| F77 | Α | 125V | 3A |
| F77 | Α | 125V | 5A |
| F77 | Α | 125V | 8A |
| F77 | Α | 125V | 10A |
| F77 | Α | 125V | 12A |
| F77 | Α | 125V | 15A |

Finish:

Terminal: Bright alloy plate.

Indicating pin: Silver plated.

Type designation: Type designation shall be as specified in table I.

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VERIFICATION:

Qualification inspections: The number of qualification samples required shall be:

- a. 24 samples maximum current rating of each voltage and design.
- b. 24 samples minimum current rating of each voltage and design.

NOTE: If labels are used, five additional samples of any rating are required.

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians: Navy - SH DLA - CC Preparing activity: DLA - CC

(Project 5920-0607-15)